

L Number	Hits	Search Text	DB	Time stamp
1	3752	219/121.49 or 219/121.52 or 219/119 or 219/75 or 219/121.59	USPAT; EPO; JPO	2004/03/17 12:18
2	745740	tip or shield adj cap or nozzle	USPAT; EPO; JPO	2004/03/17 12:13
3	4792	plasma adj3 torch	USPAT; EPO; JPO	2004/03/17 12:13
4	2240065	cooling next electrode	USPAT; EPO; JPO	2004/03/17 12:13
5	3043	(plasma adj3 torch) and (cooling next electrode)	USPAT; EPO; JPO	2004/03/17 12:14
6	106165	swirl\$ or turbulence or turbulent	USPAT; EPO; JPO	2004/03/17 12:38
7	463	((plasma adj3 torch) and (cooling next electrode)) and (swirl\$ or turbulence or turbulent)	USPAT; EPO; JPO	2004/03/17 12:15
8	925905	groove\$ or dimples or projections or textured or texturing	USPAT; EPO; JPO	2004/03/17 12:16
9	438	((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)	USPAT; EPO; JPO	2004/03/17 12:16
10	2495	cooling adj4 electrode	USPAT; EPO; JPO	2004/03/17 12:16
11	41	((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)) and (cooling adj4 electrode)	USPAT; EPO; JPO	2004/03/17 12:17
12	33	(219/121.49 or 219/121.52 or 219/119 or 219/75 or 219/121.59) and (((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)) and (cooling adj4 electrode))	USPAT; EPO; JPO	2004/03/17 12:17
13	39	(tip or shield adj cap or nozzle) and (((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)) and (cooling adj4 electrode))	USPAT; EPO; JPO	2004/03/17 12:17
14	32	((219/121.49 or 219/121.52 or 219/119 or 219/75 or 219/121.59) and (((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)) and (cooling adj4 electrode))) and ((tip or shield adj cap or nozzle) and (((plasma adj3 torch) and (cooling next electrode)) and (groove\$ or dimples or projections or textured or texturing)) and (cooling adj4 electrode)))	USPAT; EPO; JPO	2004/03/17 12:17
15	1135	219/121.49 or 219/121.52	USPAT; EPO; JPO	2004/03/17 12:39
16	255	(219/121.49 or 219/121.52) and (groove\$ or dimples or projections or textured or texturing)	USPAT; EPO; JPO	2004/03/17 12:19
17	229	((219/121.49 or 219/121.52) and (groove\$ or dimples or projections or textured or texturing)) and (cooling next electrode)	USPAT; EPO; JPO	2004/03/17 12:19
18	41	(cooling adj4 electrode) and (((219/121.49 or 219/121.52) and (groove\$ or dimples or projections or textured or texturing)) and (cooling next electrode))	USPAT; EPO; JPO	2004/03/17 12:19
19	3952	enhance adj cooling or better adj cooling	USPAT; EPO; JPO	2004/03/17 12:20
20	14	((swirl\$ or turbulence or turbulent) or (groove\$ or dimples or projections or textured or texturing)) and (plasma adj3 torch) and (enhance adj cooling or better adj cooling)	USPAT; EPO; JPO	2004/03/17 12:36

21	228	(knurling or knurled or grooved or grooves or ribbed or ribs or dimples or projections) and (plasma adj3 torch) and cooling	USPAT; EPO; JPO	2004/03/17 12:37
22	211	gas and ((knurling or knurled or grooved or grooves or ribbed or ribs or dimples or projections) and (plasma adj3 torch) and cooling)	USPAT; EPO; JPO	2004/03/17 12:38
23	79535	gas with cooling	USPAT; EPO; JPO	2004/03/17 12:38
24	95	(gas and ((knurling or knurled or grooved or grooves or ribbed or ribs or dimples or projections) and (plasma adj3 torch) and cooling)) and (gas with cooling)	USPAT; EPO; JPO	2004/03/17 12:38
25	346935	swirl\$ or turbulence or turbulent or surface adj area	USPAT; EPO; JPO	2004/03/17 12:39
26	44	((gas and ((knurling or knurled or grooved or grooves or ribbed or ribs or dimples or projections) and (plasma adj3 torch) and cooling)) and (gas with cooling)) and (swirl\$ or turbulence or turbulent or surface adj area)	USPAT; EPO; JPO	2004/03/17 12:39
27	26	(219/121.49 or 219/121.52) and (((gas and ((knurling or knurled or grooved or grooves or ribbed or ribs or dimples or projections) and (plasma adj3 torch) and cooling)) and (gas with cooling)) and (swirl\$ or turbulence or turbulent or surface adj area))	USPAT; EPO; JPO	2004/03/17 12:39

BEST AVAILABLE COPY